

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)	Docket Number: ART-00106.P.1.1	Patent Application Number: 10/022,058
	Applicant: Huang et al.	
	Filing Date: 12/13/01	Group Art Unit: 1632 (64)

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
al	P1	4,067,791	1/10/78	Konno et al.			
	P2	4,160,645	7/10/79	Ullman			
	P3	4,275,149	6/23/81	Litman et al.			
	P4	4,318,980	3/9/82	Boguslaski et al.			
	P5	5,202,231	4/13/93	Drmanac et al.			
	P6	5,409,739	4/25/95	Liu			
	P7	5,445,934	8/29/95	Fodor et al.			
	P8	5,510,628	4/23/96	Georger, Jr. et al.			
	P9	5,547,835	8/20/96	Koster			
	P10	5,605,662	2/25/97	Heller et al.			
	P11	5,632,957	5/27/97	Heller et al.			
	P12	5,691,141	11/25/97	Koster			
	P13	5,849,486	12/15/98	Heller et al.			
	P14	5,856,174	1/5/99	Lipshutz et al.			
	P15	5,874,041	2/23/99	Matsumura et al.			
	P16	5,874,554	2/23/99	Gamble et al.			
	P17	5,919,523	7/6/99	Sundberg et al.			
	P18	5,942,443	8/24/99	Parce et al.			
	P19	5,959,098	9/28/99	Goldberg et al.			

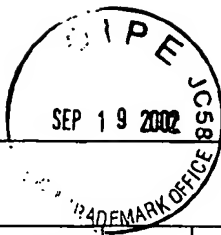
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	P20	5,997,961	12/7/99	Feng et al.			
	P21	6,017,973	1/25/00	Tamura et al.			
	P22	6,042,710	3/28/00	Dubrow			
	P23	6,043,328	3/28/00	Domschke et al.			
	P24	6,056,860	5/2/00	Amigo et al.			
	P25	6,096,796	8/1/00	Watanabe et al.			
	P26	6,100,597	8/8/00	Nakamura			
	P27	6,103,452	8/15/00	Kakinuma et al.			
	P28	6,106,998	8/22/00	Maeda et al.			
	P29	6,127,085	10/3/00	Yamamura et al.			
	P30	6,136,269	10/24/00	Winkler et al.			
	P31	6,238,871	5/29/01	Koster			
	P32	6,355,491	3/12/02	Zhou et al.			

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	Translation	
							YES	NO
	F1	WO 02/12896	2/14/02					

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	D2	Chan <i>et al.</i> , Quantum dot bioconjugates for Ultrasensitive Nonisotopic Detection, <i>Science</i> 281: 2016-2018 (1998).
	D3	Craighead, Nanoelectromechanical Systems, <i>Science</i> 24: 1532-1536 (2000).
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	D6	Deng <i>et al.</i> , Prototyping of Masks, Masters, and Stamps/Molds for soft Lithography Using an Office Printer and Photographic Reductions, <i>Anal. Chem.</i> 72: 3176-3180 (2000).
	D7	Dolc, Comprehensive Survey of Combinatorial Library Synthesis: 1999, <i>J. of Combinatorial Chemistry</i> 2: 383-433 (2000).
	D8	Duffy <i>et al.</i> , Rapid Prototyping of Microfluidic Systems in Poly(dimethylsiloxane), <i>Anal. Chem.</i> 70: 4974-4984 (1998).
	D9	Effenhauser <i>et al.</i> , Integrated Capillary Electrophoresis on Flexible Silicone Microdevices: Analysis of DNA Restriction Fragments and Detection of Single DNA Molecules on Microchips, <i>Anal. Chem.</i> 69: 3451-3457 (1997).
	D10	Figeys, Lab-on-a-Chip: A Revolution in Biological Medical Sciences, <i>Anal. Chem.</i> 330-335 (2000).
	D11	Folch <i>et al.</i> , Microengineering of Cellular Interactions, <i>Annu. Rev. Biomed. Eng.</i> 2: 227-256 (2000).
	D12	He <i>et al.</i> , Fabrication of Nanocolumns for Liquid Chromatography, <i>Anal. Chem.</i> 70: 3790-3797 (1998).
	D13	Jackman <i>et al.</i> , Fabricating Large Arrays of Microwells with Arbitrary Dimensions and Filling Them Using Discontinuous Dewetting, <i>Anal. Chem.</i> 70: 2280-2287 (1998).
	D14	Jager <i>et al.</i> , Microfabricating Conjugated Polymer Actuators, <i>Science</i> 24: 1540-1545 (2000).
	D15	Kutter <i>et al.</i> , Solvent-Programmed Microchip Open-Channel Electrochromatography, <i>Anal. Chem.</i> 70: 3291-3297 (1998).

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	D16	Landin <i>et al.</i> , Optical Studies of Individual InAs Quantum Dots in GaAs: Few-Particle Effects, <i>Science</i> 280: 262-264 (1998).
	D17	McCormick <i>et al.</i> , Microchannel Electrophoretic Separation of DNA in Injection-Molded Plastic Substrates, <i>Anal. Chem.</i> 69: 2626-2630 (1997).
	D18	Quake <i>et al.</i> , From Micro- to Nanofabrication with Soft Materials, <i>Science</i> 24: 1536-1539 (2000).
	D19	Roberts <i>et al.</i> , UV Laser Machined Polymer Substrates for the Development of Microdiagnostic Systems, <i>Anal. Chem.</i> 69: 2035-2042 (1997).
	D20	Ross <i>et al.</i> , In Situ Transmission Electron Microscopy Observations of the Formation of Self-Assembled Ge Islands on Si, <i>Microscopy Research and Technology</i> 42: 281-294 (1998).
	D21	Schena <i>et al.</i> , Quantitative monitoring of Gene Expression Patterns with a Complementary DNA Microarray, <i>Science</i> 270: 467-470 (1995).
	D22	Skinner, UV curing through semi-transparent materials, <a href="http://www.radcurenet.de/reading/skinner.htm">www.radcurenet.de/reading/skinner.htm</a> (identified 12/12/00).
	D23	Springholz <i>et al.</i> , Self-Organized Growth of Three-Dimensional Quantum-Dot Crystals with fcc-Like Stacking and a Tunable Lattice Constant, <i>Science</i> 282: 734-737 (1998).
	D24	Subramanian <i>et al.</i> , Photosensitive polymer: synthesis, characterization and properties of a polymer having pendant photocrosslinkable group, <i>European Polymer Journal</i> 36: 2343-2350 (2000).
	D25	Vasiliskov <i>et al.</i> , Fabrication of Microarray of Gel-Immobilized Compounds on a Chip by Copolymerization, <i>BioTechniques</i> 27: 592-606 (1999).
	D26	Waters <i>et al.</i> , Microchip Device for Cell Lysis, Multiplex PCR Amplification, and Electrophoretic Sizing, <i>Anal. Chem.</i> 70: 158-162 (1998).
	D27	Xia <i>et al.</i> , Non-Photolithographic Methods for Fabrication of Elastomeric Stamps for Use in Microcontact Printing, <i>Langmuir</i> 12: 4033-4038 (1996).
	D28	Summary of Albert Folch's Work - Stamp hydrophobic polydimethylsiloxane onto microarrays (identified 11/00).
	D29	Coming - Internet Information Pertaining to Coming Microarray Technology - GAPSTM Coated Slides (identified 10/00).

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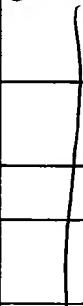
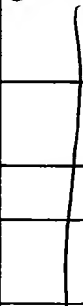
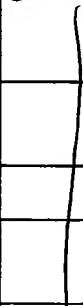
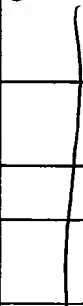
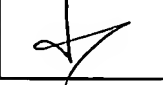
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EXAMINER INITIALS		CITATION
	D30	Coming - Microarray Technology: CMT-GAPST <sup>TM</sup> Coated Slides Brochure (identified 11/00).
	D31	Coming Application Note "Corning Non-Binding Surface Microplates for Fluorescent HTS Assays" (identified 11/00).
	D32	Internet Listing of DNA Microarray Links, <a href="http://www.mpiz-koeln.mpg.de/~weissaa/Adis/DNA-array-link.html">www.mpiz-koeln.mpg.de/~weissaa/Adis/DNA-array-link.html</a> (identified 10/00).
	D34	<a href="http://www.amc.ab.ca/thinfilm/material.html">www.amc.ab.ca/thinfilm/material.html</a> (identified 10/00).
	D35	<a href="http://www.mpiz-koeln.mpg.de/~weissaa/Adis/DNA-array-links.html">www.mpiz-koeln.mpg.de/~weissaa/Adis/DNA-array-links.html</a> , Listing of DNA microarray links (identified 10/00)
	D36	Photoinitiators for novel UV-curing applications, <a href="http://www.coatings.de/rcn/reading/valet.htm">www.coatings.de/rcn/reading/valet.htm</a> , date unknown

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